

- A1
amb
C1
- (b) comparing reporter gene expression in said cell in the presence of the compound with reporter gene expression in said cell in the absence of the compound; and
- (c) identifying the compound that induces retinoid-induced gene expression if reporter gene expression is higher in the presence of the compound than in the absence of the compound.

A2
amb
C1

13. (Amended) The method of claim 12, wherein the cellular gene is insulin-like growth factor binding protein-3 (IGFBP-3, SEQ ID NO: 1), secreted cell adhesion protein β IG-H3 (SEQ ID NO: 2), epithelial protein lost in neoplasm (EPLIN; SEQ ID NO: 3), ubiquitin-like protein FAT10 (SEQ ID NO: 4), Mac-2 binding protein (Mac-2 BP; SEQ ID NO: 6), Protein C inhibitor (PCI; SEQ ID NO: 7), T cell receptor gamma (SEQ ID NO: 8), retinal oxidase (SEQ ID NO: 9), Bene (SEQ ID NO: 10), HIF-2alpha/EPAS-1 (SEQ ID NO: 11), selectin L (SEQ ID NO: 12), or proteasome activator PA28 subunit α (PA28 α ; SEQ ID NO: 5).

A3
amb
C1

17. (Amended) The method of claim 12, wherein expression of the cellular gene is detected by assaying for an activity of the cellular gene product, wherein the cellular gene is insulin-like growth factor binding protein-3 (IGFBP-3, SEQ ID NO: 1), secreted cell adhesion protein β IG-H3 (SEQ ID NO: 2), epithelial protein lost in neoplasm (EPLIN; SEQ ID NO: 3), ubiquitin-like protein FAT10 (SEQ ID NO: 4), Mac-2 binding protein (Mac-2 BP; SEQ ID NO: 6), Protein C inhibitor (PCI; SEQ ID NO: 7), T cell receptor gamma (SEQ ID NO: 8), retinal oxidase (SEQ ID NO: 9), Bene (SEQ ID NO: 10), HIF-2alpha/EPAS-1 (SEQ ID NO: 11), selectin L (SEQ ID NO: 12), or proteasome activator PA28 subunit α (PA28 α ; SEQ ID NO: 5).

Please cancel Claims 1-7, 19, and 20 without prejudice or disclaimer

IN THE SPECIFICATION:

Please replace the paragraph on page 2, line 5-17 with the following three paragraphs:

A4

The target of retinoid action is the cell nucleus, where retinoids bind to two types of receptors, termed RARs (retinoic acid receptors) and RXRs (retinoid X receptors) (Mangelsdorf *et al.*, 1994, "The retinoid receptors," *in*: The Retinoids: biology, chemistry, and medicine, Sporn *et al.*, eds., New York: Raven Press, pp. 319-351.) Retinoid-bound